

**DECISION RECORD AND FINDING OF NO SIGNIFICANT IMPACT
FOR
OUT OF BOUNDS ADVENTURES**

I. Decision:

Based on the analysis and evaluation of the environmental assessment, it is my decision to authorize a special recreation permit for a period of one year, for commercial recreation operations on BLM administered land. The standard stipulations for special recreation permits are attached to the Decision Record and the authorizing permit.

This decision includes as stipulations the mitigation measures adopted in EA-AK-040-95-015 (see Attachment 1), and the additional mitigation measures identified in this analysis.

Mitigation Measures:

If goats are observed on rock islands, landing areas must be located a minimum of one mile from the observed goat activity. Flight paths should be altered to avoid flying over rock islands with observed goat activity.

II. Rationale for the Decision:

The decision to allow the Proposed Action does not result in any undue or unnecessary environmental degradation.

The analysis addresses the issues resulting from the Proposed Action. The glacier landing tours will help meet demand from the public for this type of service and increase the economic base of the area. The limits placed on the operation in the form of stipulations will minimize impacts to residents, recreationists and wildlife. The decision considers off-site effects (enroute) on residents, recreationists and wildlife. It is possible to influence enroute actions by requiring environmentally responsible conduct as a condition of landing on public lands.

III. Finding Of No Significant Impact (FONSI):

Based on the analysis of potential environmental impacts contained in the attached environmental assessment, I have determined that impacts are not expected to be significant and an environmental impact statement is not required.

IV. ANILCA Section 810 (a) Summary:

The Proposed Action will not restrict subsistence uses. No reasonably foreseeable significant decrease in the abundance of harvestable resources and no limitation on harvester access to subsistence species will result from the Proposed Action. Because these lands are State selected, they may no longer fall under the Federal Subsistence Board, Federal Subsistence Regulations or ANILCA Section 810.

V. Compliance and Monitoring:

Monitoring will be conducted as part of the on-going monitoring under the Temsco permit (EA-AK-040-95-015).

/s/ Nick Douglas
Anchorage Field Manager

April 2, 1999
Date

2 Attachments:

Attachment 1 - Mitigation Measures for Helicopter Glacier Tours in the Haines/Skagway Area (3 pp)

Additional Stipulations for Heliskiing in the Skagway, Alaska Area (2 pp)

Attachment 1

**Mitigation Measures for Helicopter Glacier Tours
in the
Haines/Skagway Area**

Bureau of Land Management - Anchorage Field Office

For all mitigation measures, it is recognized that exceptions may be made for all aircraft safety. Aircraft and passenger safety will take precedent over these mitigation measures.

1. All authorized operations will assure that operators meet FAA requirements to achieve safe air operations (routing, airspace separation and coordination with other operators).
2. All authorized operators will be required to submit and abide by a Safety and Operating Plan which will be approved by the BLM and will be a part of the Special Recreation Use Permit. The FAA will review these submissions.
3. Temsco Helicopters, Inc. will be required to meet with the National Park Service (NPS) each year prior to the start of the operating season to discuss or conduct the following:
 - A. An overview of Temsco's upcoming year's operations to the NPS personnel, especially the seasonal work force. This will foster a better working relationship and provide Temsco and the NPS an opportunity to learn and share ideas relative to the helicopter tours and recreationists within the area of the Chilkoot Trail.
 - B. Coordination of helicopter take-off and landing times to lessen the conflicts (noise impacts) with the interpretive sessions being conducted at the National Park Service Visitor Center.
4. All operations will maintain a 1,500 foot clearance of key mountain goat areas, mountain goats, sensitive bird nesting sites, brown and black bears, wolves, moose, sea lions, and other marine mammals. Steepness (degree in slope) and roughness (outcrops and spur ridges) affect the ratio of elevation to horizontal distance significantly. Attempts should be made to maximize distance between ground and habitats or animals wherever possible. Flight routes over near level terrain will maintain a minimum of 1,500 feet above ground level and at least 1,500 feet horizontal distance from wildlife and wildlife habitat features described above. Pilots are not expected to compromise safety when weather conditions indicate the 1,500 foot minimum cannot be met.
5. Flight paths will avoid known mountain goat kidding areas from May 15 through June 15.

Attachment 1 (Cont'd.)
Mitigation Measures for Helicopter Glacier Tours
in the Haines/Skagway Area

Case File No.: AA-81641
EA No.: AK-040-99-006

6. All authorized operations will adhere to U.S. Fish and Wildlife Service (USFWS) recommendations regarding eagle nests. Operators will be furnished with maps which show locations to be avoided during the nesting season.
 - A. Maintain established travel routes, but avoid any eagle nest by at least ¼ mile (1,320 feet).
 - B. Helicopters must avoid hovering near and circling any eagle nest.
 - C. Report to USFWS office and the BLM eagle nests found that are not indicated on maps provided.
7. Do not hover, circle, or harass wildlife in any way. This refers particularly to mountain goats, wolves, bears, eagles, sea lions, and other marine mammals, but includes all wildlife species.
8. All operations will be requested to report observations, numbers, classification, and behavior by date, time, observer (pilot), location (map) of mountain goats, brown and black bear, moose, wolf, black tail deer, and wolverines, to the BLM by November 1 of the operating year. It is understood that can only be done secondary to safety during the flight and the purpose of the tour. BLM will provide training and data sheets as requested.
9. BLM will work in cooperation with the F.S. in the development of a training video, or other type of interpretive communication, for helicopter pilots and the general public detailing appropriate aircraft behavior in regards to wildlife, habitat needs by season, the effect of frequent flight response and the ecosystem wide relationship. The format of this message shall be mutually agreed to by the F.S., BLM, and the companies under a participating agreement.
10. Jointly develop a monitoring plan with the Alaska Department of Fish and Game (ADF&G) to monitor wildlife, particularly mountain goats for habitat use area fidelity, population productivity, stability of numbers and habitat occupancy, distribution in and adjacent to the affected areas annually for the first three years, every three years thereafter. Appropriate changes in operations will be coordinated with operators and may include a wide range of options. (For example: rotational use of glacier landing sites as necessary to achieve occupation of available habitat goals.) The monitoring plan may also include monitoring tour flights by having BLM, F.S., or ADF&G representatives on board specific flights.

Attachment 1 (Cont'd.)
Mitigation Measures for Helicopter Glacier Tours
in the Haines/Skagway Area

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11. Monitor and track complaints by user groups, follow up for validity, frequency, and determination of significance; where warranted, make appropriate adjustments in flight route criteria or landing site management in consultation with user groups and operators.

**ADDITIONAL STIPULATIONS
FOR HELISKIING
IN THE
SKAGWAY, ALASKA AREA**

BUREAU OF LAND MANAGEMENT - ANCHORAGE FIELD OFFICE

For all mitigation measures, it is recognized that exceptions may be made for all aircraft safety. Aircraft and passenger safety will take precedent over these mitigation measures.

1. All authorized operations will assure that operators meet FAA requirements to achieve safe air operations (routing, airspace separation and coordination with other operators).
2. All authorized operators will be required to submit and abide by a Safety and Operating Plan which will be approved by the BLM and will be a part of the Special Recreation Use Permit. The FAA will review these submissions.
3. All operations will maintain a 1,500 foot clearance of key mountain goat areas, mountain goats, sensitive bird nesting sites, brown and black bears, wolves, moose, sea lions, and other marine mammals. Steepness (degree in slope) and roughness (outcrops and spur ridges) affect the ratio of elevation to horizontal distance significantly. Attempts should be made to maximize distance between ground and habitats or animals wherever possible. Flight routes over near level terrain will maintain a minimum of 1,500 feet above ground level and at least 1,500 feet horizontal distance from wildlife and wildlife habitat features described above. Pilots are not expected to compromise safety when weather conditions indicate the 1,500 foot minimum cannot be met.
4. Heliski landing areas will maintain a minimum of one mile distance from observed mountain goat activity on rock islands. Flight paths should be altered to avoid flying over rock islands with observed goat activity.
5. All authorized operations will adhere to U.S. Fish and Wildlife Service (USFWS) recommendations regarding eagle nests. Operators will be furnished with maps which show locations to be avoided during the nesting season.
 - A. Maintain established travel routes, but avoid any eagle nest by at least ¼ mile (1,320 feet).
 - B. Helicopters must avoid hovering near and circling any eagle nest.

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- C. Report to USFWS office and the BLM eagle nests found that are not indicated on maps provided.
- 6. Do not hover, circle, or harass wildlife in any way. This refers particularly to mountain goats, wolves, bears, eagles, sea lions, and other marine mammals, but includes all wildlife species.
- 7. All operations will be requested to report observations, numbers, classification, and behavior by date, time, observer (pilot), location (map) of mountain goats, brown and black bear, moose, wolf, black tail deer, and wolverines, to the BLM by November 1 of the operating year. It is understood that can only be done secondary to safety during the flight and the purpose of the tour. BLM will provide training and data sheets as requested.
- 8. BLM will continue to jointly develop a monitoring plan with the Alaska Department of Fish and Game (ADF&G) to monitor wildlife, particularly mountain goats for habitat use area fidelity, population productivity, stability of numbers and habitat occupancy, distribution in and adjacent to the affected areas. Appropriate changes in operations will be coordinated with operators and may include a wide range of options (i.e., rotational use of landing sites as necessary to achieve occupation of available habitat goals).
- 9. BLM will monitor and track complaints by user groups, follow up for validity, frequency, and determination of significance; where warranted, make appropriate adjustments in flight route criteria or landing site management in consultation with user groups and operators.